

Photo: Misho Baranovic

ProCamera 7_(v5.3)

User Manual

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(tap for shortcut)



This section outlines the main shooting functions on the ProCamera capture screen

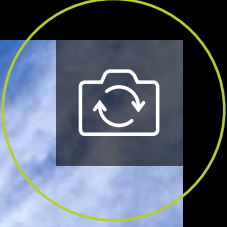
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Flash



Front/Back
Camera



Digital
Zoom



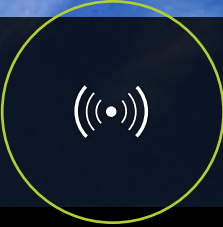
Lightbox



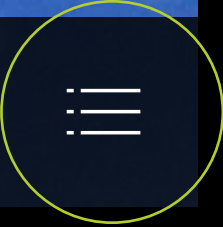
Mode
Switch



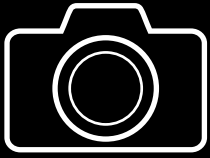
Main
Shutter



Second
Shutter



Control
Panel



Press the **Main Shutter** to take a photo. The screen will flash black to indicate a photo has been taken. The shutter touch area is larger than the icon, shown by a white circle that appears when the shutter is pressed.



The **Second Shutter** can be set as either an Anti-Shake or Self-Timer through the Control Panel.



The **Camera Switch** function allows you to select different cameras including Photo, Video and Night.



The **Control Panel** provides one-tap access to a range of advanced shooting controls.



The **Lightbox Preview** provides one-click access to the Camera Roll or Lightbox.



Pressing on the **Flash** toggles between the Auto, On and Off settings. Performing a long-press on the Flash de/activates the **Steady Light (torch)**.



The **Front/Rear Camera Switch** is available on devices equipped with a front camera.

The 6x **Full-Resolution Zoom** can be controlled in two ways:

1. Slide your finger over the semi-transparent zoom slider to adjust the level of magnification. The slider fades into the background when the zoom factor is 1x (to limit distractions when shooting).
2. Use the pinch gesture (two fingers) to zoom in and out (the zoom slider will appear).

This function can be turned on and off under the Photo Zoom option in the ProCamera Settings.

Tip

ProCamera's Anti-Shake mode is recommended at higher zoom levels (3x or more). Even slight movements of your iPhone can result in motion blur while zooming.



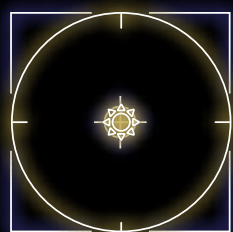
2

Focus and Exposure

Photo: Jens Hedtke

This section outlines the different ways to control focus and exposure in ProCamera

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Combined Focus and Exposure

A single tap anywhere on the capture screen activates the combined Focus/Exposure point. This mode is great for quick and easy adjustments when shooting.



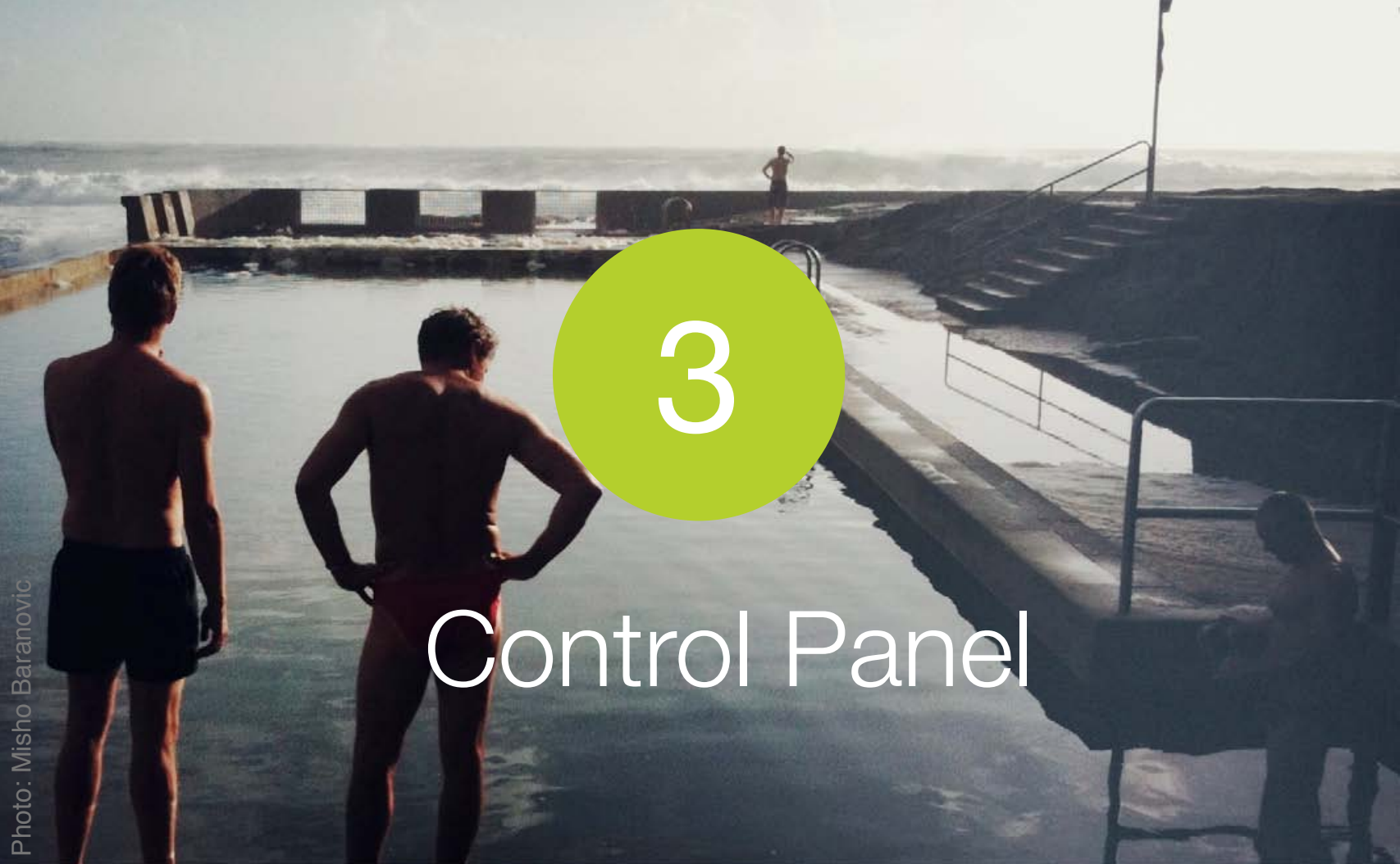
Separate Focus and Exposure Points

They can be split by dragging one from the other. Use these points to set the focus and exposure independently anywhere on the screen. A long press anywhere on the screen resets the points to the centre.



Lock and Unlock

A long press locks (shown with the small lock symbol) and unlocks either the Focus Square and Exposure Circle. The F/E Lock in the Control Panel locks both points on release.



This section explains the different controls and functions in the ProCamera Control Panel

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The **Control Panel** is designed to provide one-tap access to a range of advanced shooting controls.

Tip

Try tapping on all the functions and see what changes on the capture screen (for example the gridlines and aspect ratio)



Rapid Fire



F/E Lock



Grids



Tiltmeter



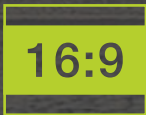
White balance



Histogram



Live data



Aspect ratio



Settings



Anti-shake

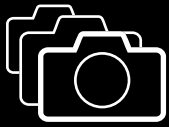


Self-timer



Fullscreen





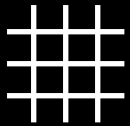
Rapid Fire

Rapid fire mode allows you to shoot continuous, full-resolution shots in quick succession.



F/E Lock

The **F/E Lock** sets the Exposure and Focus Points to lock on touch release (flashes briefly). Once locked, you can recompose your scene without changing the exposure level or focus distance.



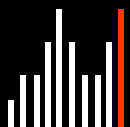
Grids

Toggles between three **Grid** views (Small Grid, Rule of Thirds Grid and Golden Ratio) to assist with photo composition.



Tiltmeter

Turns on a virtual horizon 3D **Tiltmeter** to help straighten photos.



Histogram

Turns on the Live **Histogram** which shows overall light levels and over (right) and under (left) red bar exposure warnings. The taller the bar, the more of the image is over or under exposed.



White balance

The **White Balance (WB)** Lock sets a specific color temperature to better compensate for ambient light. When enabled a separate icon appears on the capture screen to turn the WB lock on/off.



Live data

Turns on the **Live Data** (ISO and shutter speed) readings.



Aspect Ratio

Toggles between six **Aspect Ratios**: Standard (4:3), 35mm film (3:2), Widescreen (16:9), Square (1:1), Letterbox (3:1) and Golden Mean. A long press displays all modes.



Fullscreen

The **Fullscreen** mode turns off all non-critical display elements on the Capture Screen. Focus and Exposure points work as standard. The mode can be combined with different Aspect Ratios for a customized shooting experience.



Anti-shake

Selecting **Anti-Shake** assigns it to the Second Shutter button (right of the Main Shutter). Anti-Shake will delay the shutter release until the iPhone is held steady, resulting in clearer and sharper photos. Movement detection is displayed onscreen by the small icon above the Main Shutter Button.



Self-timer

Selecting **Self-Timer** in the Control Panel assigns it to the Second Shutter button (right of the Main Shutter). Pressing the Second Shutter activates the count-down, three beeps will signal the last seconds before the photo is taken. The timer duration can be adjusted within ProCamera's Settings.



Settings

The **Settings** mode opens up the advanced ProCamera settings. The Photo options are explained below.



Anti-Shake Slider controls the sensitivity of the Anti-Shake button.



Controls the **Self-Timer** length from 0.5 seconds to 20 seconds. You can use the lowest setting (0.5s) as another shake-preventing capture method.



You can save photos in three **file formats**:

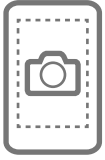
TIFF: Highest quality and largest file size.

TIFF LZW: TIFF format with lossless compression and smaller file size.

Compression requires longer save times (up to 1 second per photo).

JPEG: The standard file format for Apple devices. JPEG compression results in lower photo quality and smaller file size. You can set the amount of JPEG compression in ProCamera from 70% (lowest quality) to 100% (highest quality). The higher the % the larger the file size and better photo quality.

File formats apply to photos captured and edited in ProCamera. Photo sizes and formats can change when uploading to social media. Please check with the respective social media providers for file and compression rates.



Turn on **Fullscreen Trigger** to tap anywhere on the viewfinder to instantly take a photo. The shutter will not fire if you press directly on either the focus or exposure points. Perform a long-press to set focus and exposure to the point of interest.



Turns the **Photo Zoom** on/off.



Turn on **Auto Save** to automatically save photos to your Camera Roll or Lightbox. Turn off Auto Save to see a preview after an image is taken where you can choose to save or discard the image.



The **Datestamp** adds the date and time to the bottom of the saved photo.



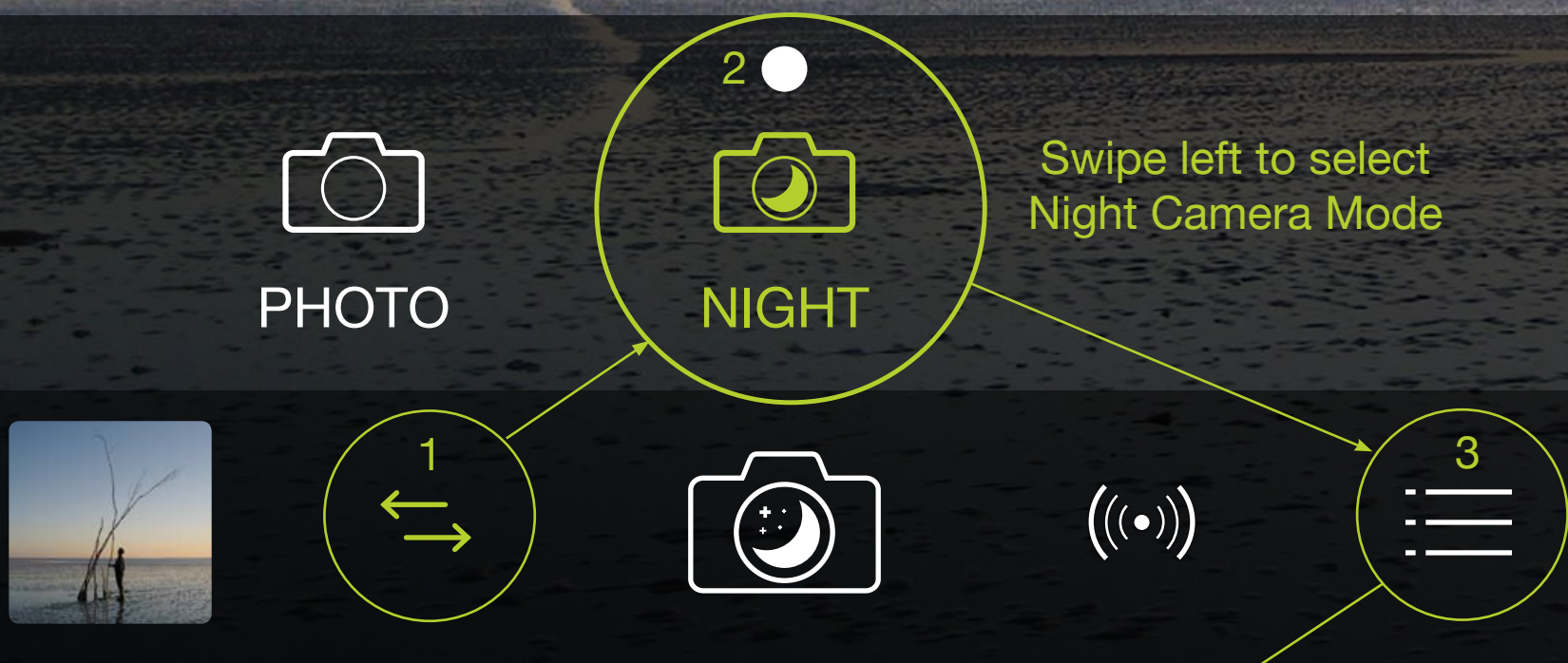
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Night Camera

This section shows you how to turn on and use the Night Camera mode in ProCamera - which lets you take better photos in low light

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How to Switch to Night Camera Mode



Select Camera Switch

Open Control Panel to select shutter speed

1/8s 1/4s 1/2s 1s

Rapid Fire F/E Lock Grids Tiltmeter

WB Histogram TIME ISO 16:9

White balance Histogram Live data Aspect ratio

Settings Anti-shake Self-timer Fullscreen

There are four shutter speed options in the **Night Camera Control Panel**.

Each option sets the minimum shutter speed used by ProCamera. It needs to be dark enough for ProCamera to drop to the lowest speed.

Tip It is recommended that the 1/2 sec and 1 sec speeds are used with a tripod to limit camera shake.

A photograph of a street scene in a developing area. In the foreground, a person wearing a hat and a dark jacket is silhouetted against the bright light. In the background, two children in school uniforms are walking away from the camera down a dirt path. The buildings are simple, with some having corrugated metal roofs. A large green circle with the number 5 is overlaid on the image.

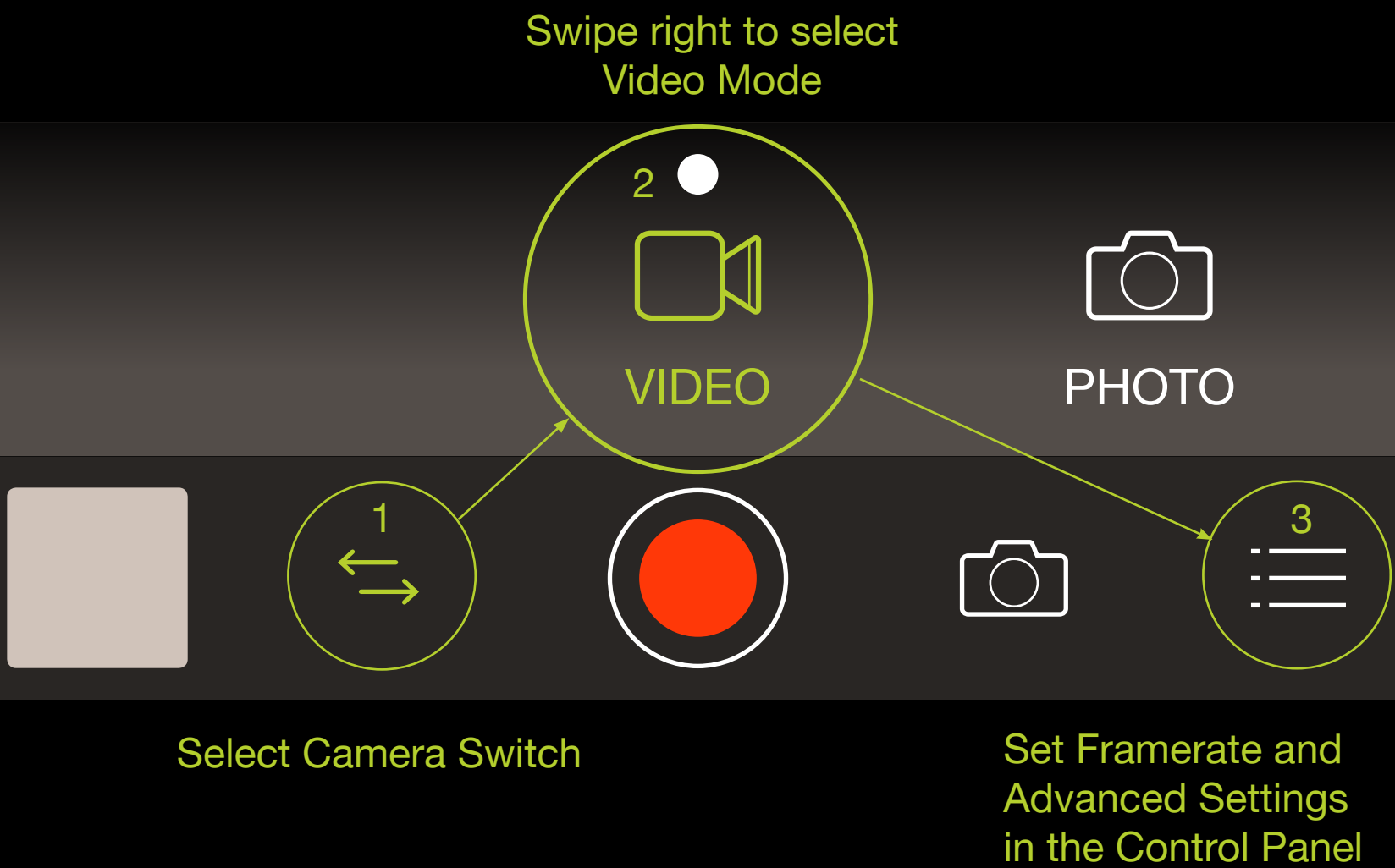
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Video

This section shows you how to turn on and use the Video mode in ProCamera including the Control Panel and advanced Video Settings

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How to Switch to Video Camera Mode



The Flash, White Balance, Front/Back Camera Switch, Main Shutter Button , Light Box and Focus and Exposure controls operate exactly the same way as in the Photo and Night Mode.



The **Secondary Shutter** button enables you to capture photo stills while recording video. Photos are saved at native video resolution (e.g. 1920 x 1080 pixels).



The **Video Control Panel** contains dedicated options for better recording. They are outlined below



Resolution

Resolution sets the quality of your recording. You can switch between different resolutions depending on your needs. There are four options available:

- A) HD Max (1280 x 720 + maximum framerate available on your device)
- B) HD+ 1920x1080 + selected frame rate
- C) HD 1280x720
- D) HQ 640x480



Framerate

Framerate sets the number of frames captured per second when recording. Framerate options vary across devices:

- A) 24, 25 & 30 fps on 3GS/4/4S/5/5C/5S
- B) 60 fps on 5/5C/5S
- C) 120 fps on 5S

Note

At this stage ProCamera cannot playback high frame rate footage captured on the iPhone 5 and 5C (60fps) and iPhone 5S (120fps) in slow motion.



Settings

The advanced **Video Settings** are explained below



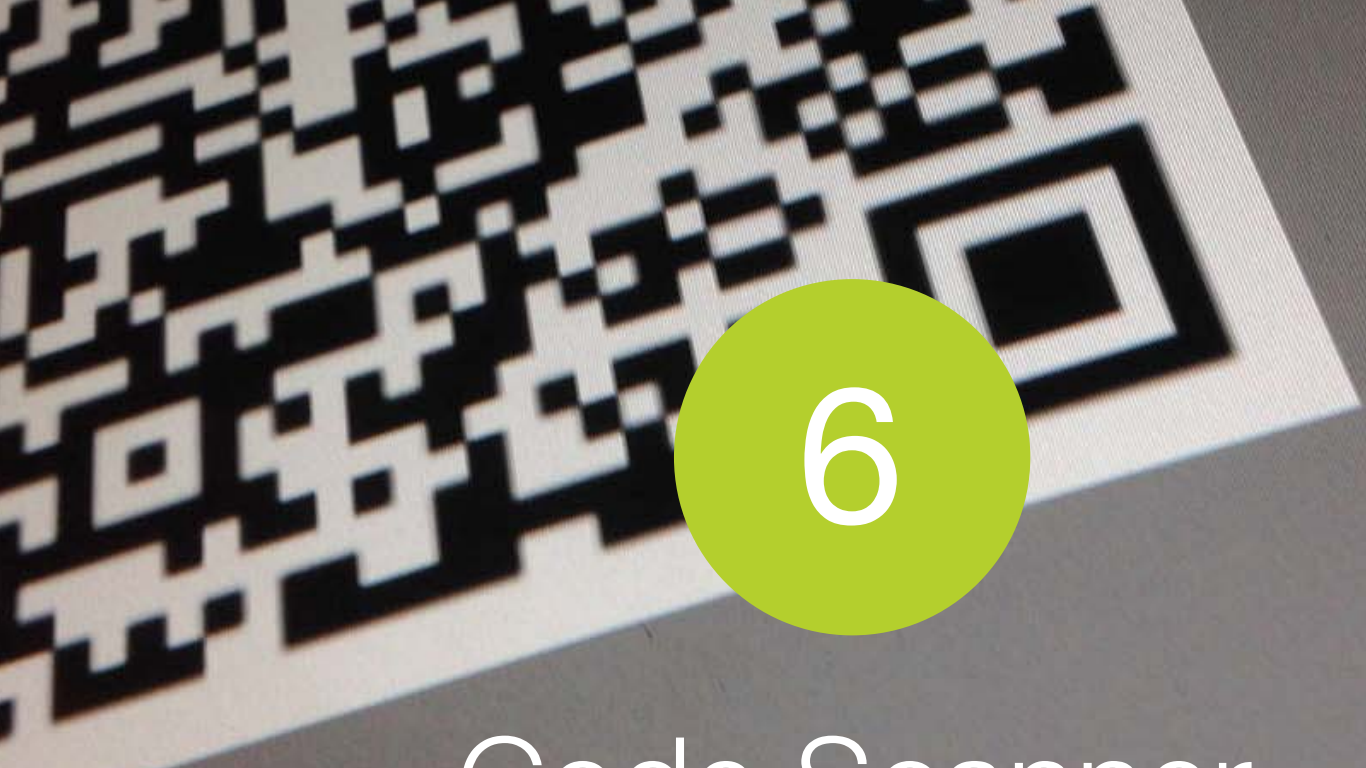
Video Focus Mode: Turn on Continuous Focus to automatically adjust focus while recording video. Turn off Continuous Focus to manually adjust and lock focus when recording.



Turn on for automatic **Video Stabilization.**



Allows you to turn off the **Video Zoom** control on both the front and back cameras (if available). On iPhone 4 and 4S non-zoomed video saves faster than zoomed-in video. HD video zoom requires approximately 50 seconds of post-processing for every minute of recorded video.

A QR code is visible in the top left corner of the page, partially obscured by a green circle containing the number 6.

6

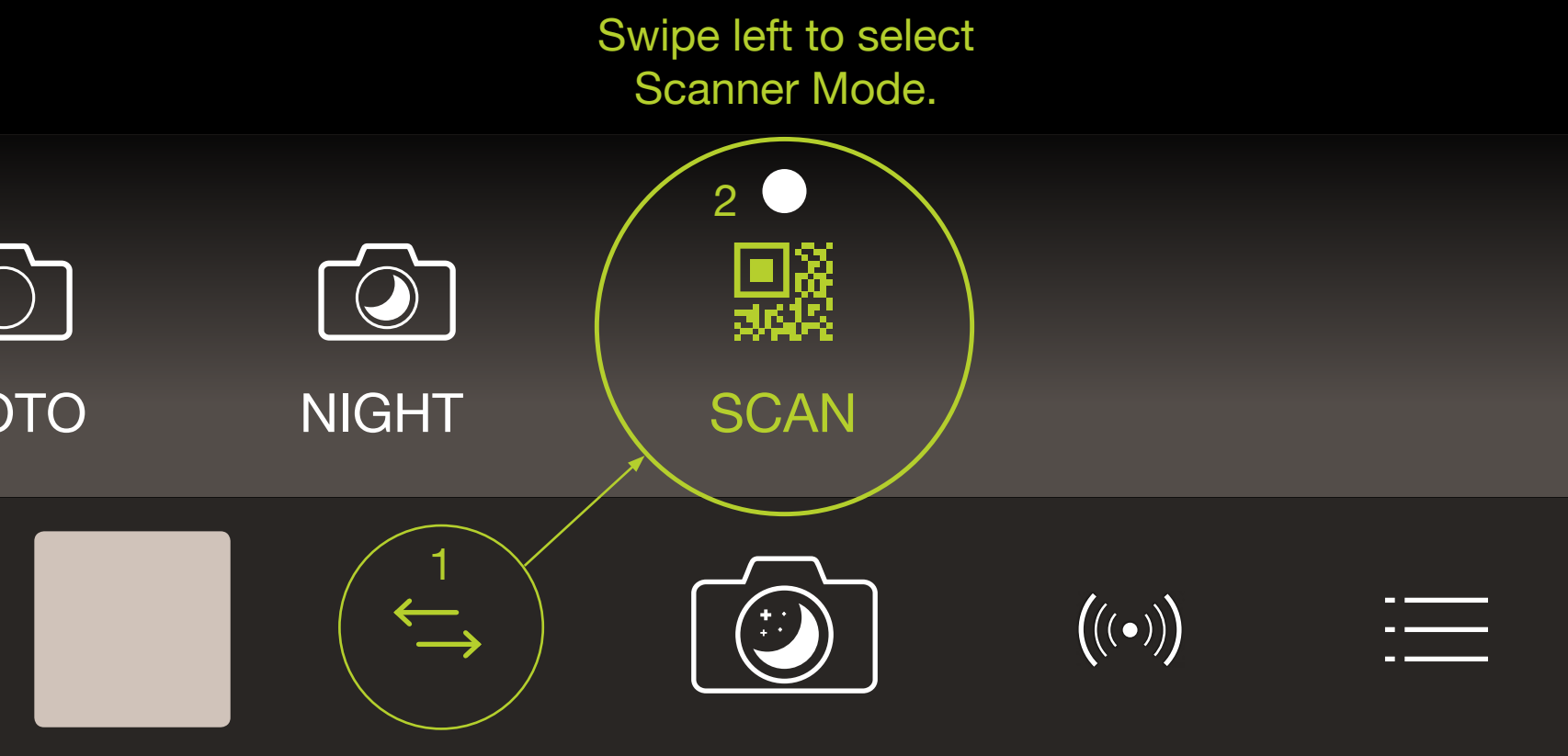
Code Scanner

In addition to taking photos and videos ProCamera can also read QR codes, bar codes and more.

Whether URL, address, GPS or product info – ProCamera recognizes the content type automatically and offers suitable actions to use the recognized codes in other apps or for online search.

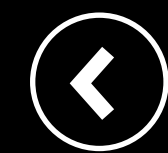
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How to Switch to Code Scanner Mode



Select Camera Switch

Once scanner mode is switched on, ProCamera automatically recognizes any readable code you lined up inside the squared viewfinder. (You don't have to press a shutter button.) ProCamera will then display the result screen.



Back to the mode that was selected last.



The Steady Light (top-left corner) can also be turned on to assist with scanning in low-light conditions.

Result Screen

Once scanned, you can automatically open the web URL, copy, paste or share the link or use of one of the context-sensitive options depending on the type of code (e.g. address book vCard.). Additionally, ProCamera gives you the option to directly search for a book on Amazon. Just scan the bar code on the book and tap on “Search on Amazon”.

ProCamera’s code scanner reads more than 10 types of codes. A sample of the type will appear at the top of the result screen. Codes can include various types of data. Scanner mode distinguishes the following:



URL



Message



Contact



Phone



Calendar



Text



Email



Search



Map



WIFI



7

Lightbox

This section shows you how to turn on and use the dedicated ProCamera Lightbox which lets you save and delete photos from within the app

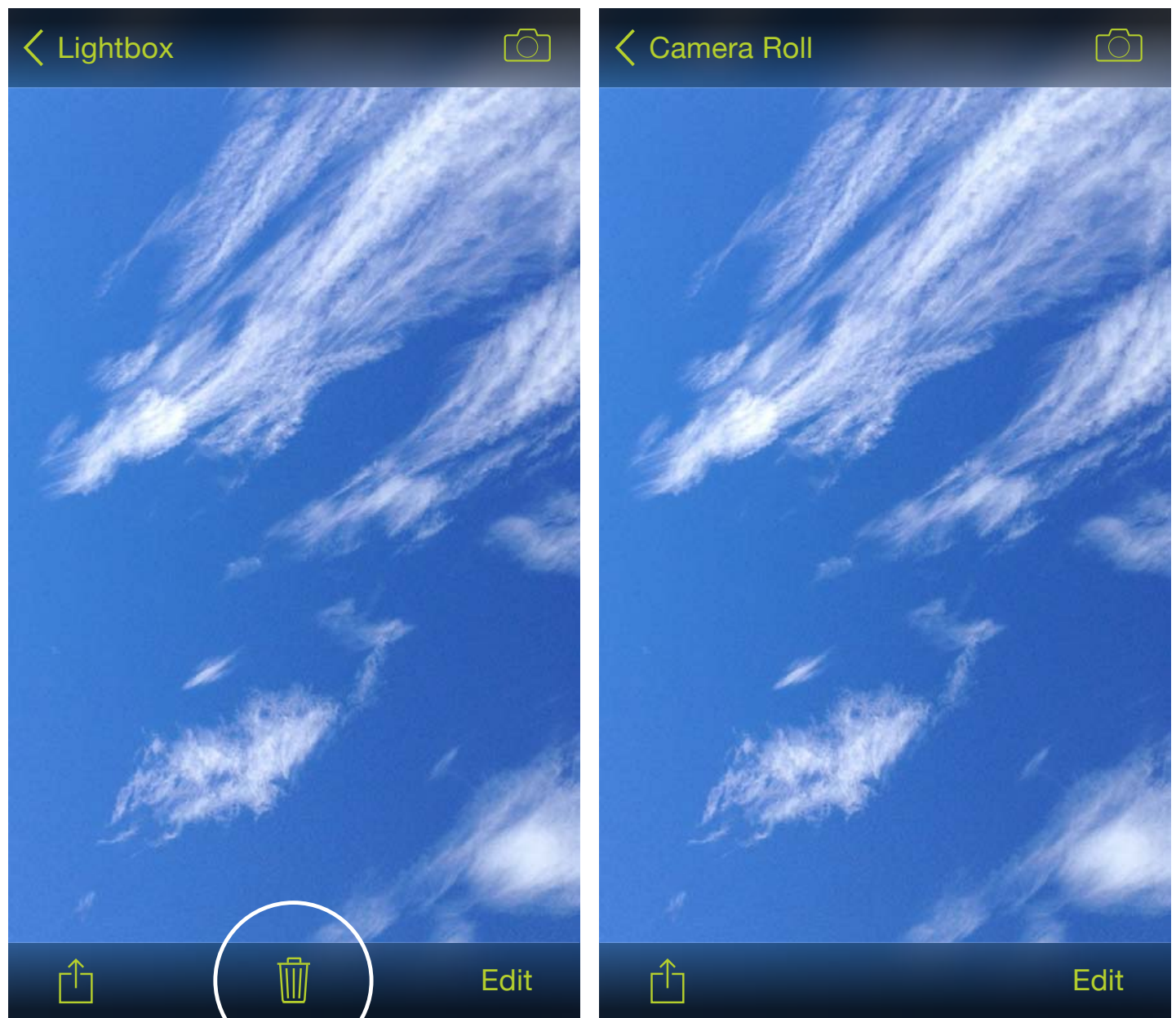
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Use Lightbox

The ProCamera Lightbox can be found in the Settings as the first topic. (Settings are accessed from the Control Panel). When activated (highlighted with green color), ProCamera saves photos and videos to a dedicated “Lightbox” album in the app. This lets users delete photos in ProCamera rather than having to go into the Photos App to delete from the Camera Roll.

Note the additional Delete Icon (circled) in the Lightbox (left) compared to the Camera Roll (right).



CAUTION. Please ensure that you export any Lightbox photos to the Camera Roll before you delete ProCamera. Otherwise they will be deleted along with the app.

Album and Lightbox Functions are listed below

< Albums

Provides access to your Photo Library, including Camera Roll, saved albums and Lightbox. The Lightbox is always located second on the **Albums** list.



In thumbnail view the **Multi-Select** tool allows you to select multiple photos and videos to share, export or delete (if Lightbox is turned on)



The **Select All** icon appears if the Multi-Select tool is turned on. This tool selects all photos and videos in the Lightbox. Perfect for mass saving or deleting of photos. Select All is only available if the Lightbox is turned on in the Settings.



Camera returns to Photo/Video capture mode.

The following **gestures** can be used to navigate within the Lightbox:

A) Double-Tap to zoom in or out on a photo (single image view)

B) Two-finger Pinch to zoom in or out on a photo (single image view)

C) Rotate your iDevice to view the Lightbox and single photo in both landscape and portrait orientation.

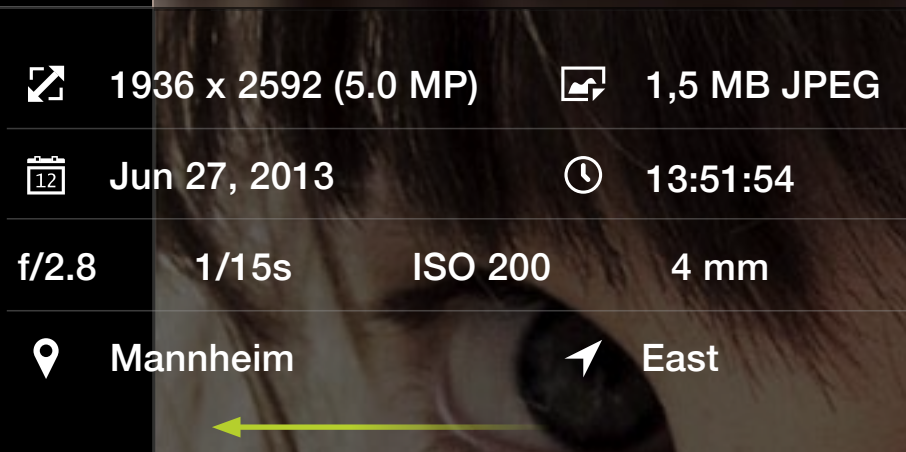
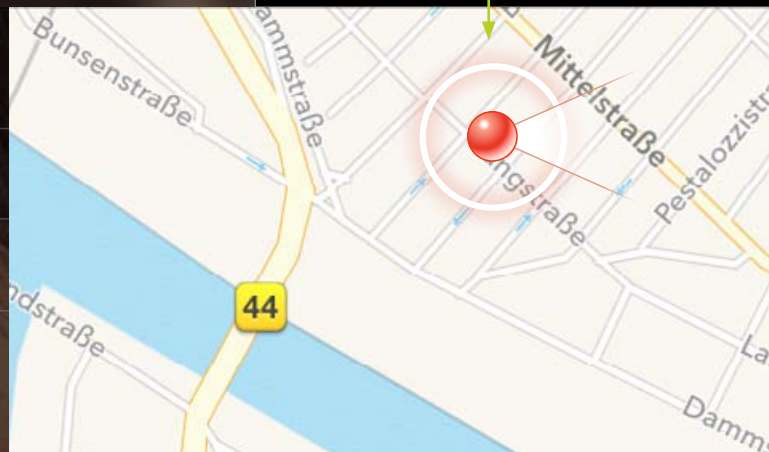
Photo Info (Exif & Map View)

ProCamera stores all Exif data for your photos (e.g. date, time, location, exposure, aperture and ISO values). You can see all the photo data by tapping the Info button. For photos containing compass heading data and GPS (global positioning satellite) data, ProCamera displays the compass direction the camera is facing.

Switch Photo info on and off



The red dot indicates the photo's location and compass direction

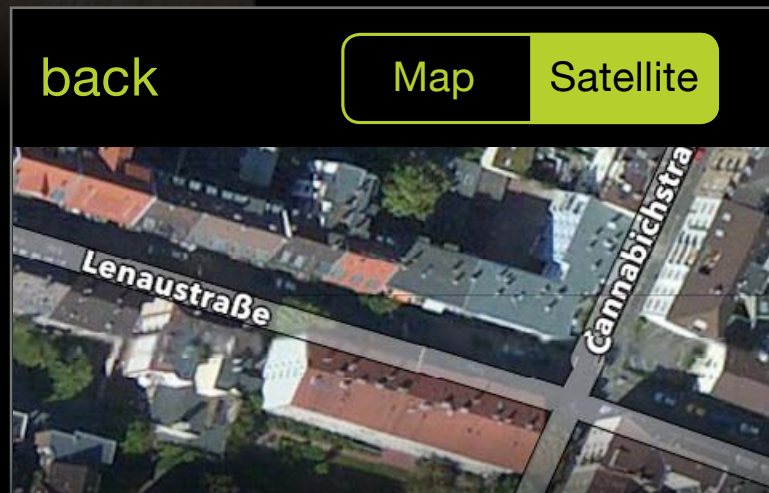


Swipe above bar: Switch between Exif and map view

Swipe below bar: Scroll through your photos

Double Tap: Full-screen map view. Satellite view is also available in fullscreen mode.

In **Fullscreen map view** you can tap the red dot to show the photo's location in your device's Maps app.





Editing

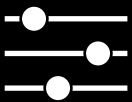
This section shows you how to use the editing options in ProCamera including the ProFX filters, ProLab image adjustments and ProCut crop tools

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The Editing Suite can be accessed by selecting “Edit” in single image view. There are three editing studios available.



The **ProFX Studio** has over 50 free and 28 paid filters. Swipe through to see the dynamic filter on your image. Swiping up/down on the image adjusts the intensity of the filter. Dedicated filter packs, including the paid ‘Street’ and ‘San Fran’ packs are shown below the filters.



The **ProLab Studio** has image tools to adjust brightness, contrast, exposure, color saturation, color temperature, vignette, sharpen, boost, shadows and highlights.

Swiping up/down on the photo controls the amount of adjustment applied. Tapping once on the photo resets the adjustment.



The **Pro Cut Studio** lets you crop, straighten and rotate your image. To crop, move the corners on the crop rectangle. A double-tap resets the crop.

The **Rotate** slider moves the image in 1° increments. **Aspect Ratio** lets you select one of five presets (1:1, 3:2, 4:3, 16:9, Φ :1). A second tap switches the aspect ratio preview from portrait to landscape mode. **Flip** rotates your photo 90° (left or right) or flips the photo (horizontally and vertically).



Photo: Misha Baranovic

9

Share

This section shows you how you
can share your photos through
ProCamera

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The Share button is located in the bottom-left corner of the Lightbox/Camera Roll. ProCamera can share to the following services:



Message



Mail

Inserts your photo directly into an email or text. You can attach up to five photos at one time into emails.



Twitter



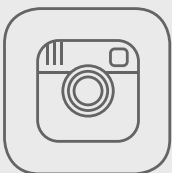
Facebook

Share to to one or more social networks, including Facebook, Flickr and Twitter.



Vimeo

Share videos to Vimeo.



Instagram

Our dedicated SquarePrepare function lets you upload non-square photos into Instagram. It also lets you snap to edges and resize within the frame.



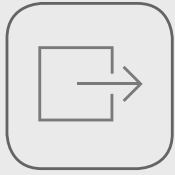
Dropbox

You can share single and multiple images and videos to Dropbox, allowing you to backup your photos to the cloud.



Airprint

Print your photos wirelessly with compatible AirPrint printers and retail services.



Open In

Use Open in to transfer your photos to other apps for further editing or sharing. Photos will be transferred in the file format they are saved.



10

General Options

This section explains the General Options section of the Settings

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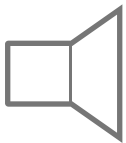


Settings

The **General Options** are listed below.



Geo-tagging: Turn on/off the ability to automatically save GPS photo data.



System Sounds: Turn on/off the ProCamera sounds.



Copyright (EXIF): Enter text to embed Copyright information in photo and video metadata (EXIF).



11

Troubleshooting

This section addresses common user questions and issues with ProCamera. If you have any problems or find a bug please use the Feedback/Support function in the Settings.

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1. How do I delete photos in ProCamera?

Turn on the Lightbox to save and delete photos within ProCamera. The Lightbox is the first option that shows up in the Settings. You can access the Settings from the Control Panel on the Capture Screen.

2. Why can't I view my slow-motion (60fps and 120fps) videos in ProCamera? Is the feature working?

ProCamera records video at the framerate selected in the Video Control Panel. However, at this point, ProCamera does not provide a video player that allows previewing the video in slow motion. You need a video editing app for iOS or MacOS to preview or render videos in slow motion.

3. I recorded a video but the sound is missing? What happened?

This issue can occur when a user does not allow ProCamera access to the Microphone when the request pops up on screen after installation.

To give access go to:

iPhone Settings>Privacy>Microphone>ProCamera>On

**If you have any other questions or would like to provide feedback then please use the Support & Feedback option in the ProCamera Settings.
Alternatively, [tap here](#).**